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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Honeywell Case No. H0004570-1600

(MBHB Case No. 03-042)



In the application of:

Hong Wan

Serial No.: 10/630,187

Patent No. 6,836,971 B1

Filed: July 30, 2003

For: System for Using a 2-axis Magnetic Sensor for a  
3-axis Compass Solution

Examiner: Christopher W. Fulton

Group Art Unit: 2859

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached papers for the above identified patent application:
  - Request for Certificate of Correction Pursuant under 37 C.F.R. § 1.322;
  - Certificate of Correction for Patent No. 6,836,971 B1; and
  - Two Return Postcards.
2. With respect to additional fees:
  - No additional fee is required.
3. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 11, 2005By: 

Marcus J. Thymian  
Registration No. 43,954



## PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**Honeywell Case No. H0004570-1600**  
**(MBHB Case No. 03-042)**

In the application of: )  
Hong Wan )  
Serial No.: 10/630,187 )  
Patent No. 6,836,971 B1 )  
Filed: July 30, 2003 )  
For: System for Using a 2-axis Magnetic )  
Sensor for a 3-axis Compass Solution )  
Examiner: Christopher W. Fulton  
Group Art Unit: 2859

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**PURSUANT TO 37 C.F.R. § 1.322**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is a request for issuance of the accompanying Certificate of Correction pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322(a). The Assignee of Record, Honeywell International Inc., seeks to correct one mistake of clerical, typographical nature and of minor character in the above-identified Patent. The correction is as follows:

In the Claims, column 6, line 27, please replace " $Z = \sqrt{H^2 - X^{2-Y^2}}$ " with  
 $"Z \equiv \sqrt{H^2 - X^2 - Y^2}"$ .

The Assignee respectfully submits that the requested corrections do not constitute new matter, nor do they require substantive examination of the file.

**McDonnell Boehnen Hulbert & Berghoff LLP**  
300 South Wacker Drive  
Chicago, IL 60606  
Telephone: (312) 913-0001  
Facsimile: (312) 913-0002

The Assignee respectfully submits that the above-mentioned error was a mistake of the Patent and Trademark Office and, thus, the Assignee believes that no fee is due. If the Examiner believes otherwise, the Assignee authorizes the Commissioner to deduct any fee from the Deposit Account No. 13-2490 pursuant to 37 C.F.R. §§ 1.20(a) and 1.323.

Enclosed is a complete Certificate of Correction for U.S. Patent No. 6,836,971 B1 issued January 4, 2005.

Consideration of this Request and issuance of the Certificate of Correction are respectfully requested.

Respectfully submitted,

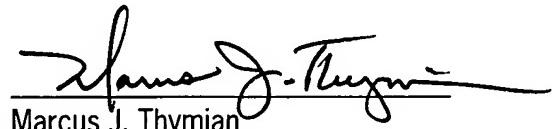
Dated: April 11, 2005

By   
Marcus J. Thymian  
Registration No. 43,954



### CERTIFICATE OF MAILING

I hereby certify that this Request for Certificate of Correction Pursuant to 37 C.F.R. § 1.322 is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 11, 2005.



Marcus J. Thymian  
Registration No. 43,954

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,836,971 B1

DATED: April 11, 2005

INVENTOR(S): Hong Wan

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims, column 6, line 27, please replace " $Z = \sqrt{H^2 - X^{2-y^2}}$ " with  
" $Z = \sqrt{H^2 - X^2 - Y^2}$ ".

MAILING ADDRESS OF SENDER:

Marcus J. Thymian  
McDonnell Boehnen Hulbert & Berghoff LLP  
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Chicago, Illinois 60606

PATENT NO. 6,836,971 B1

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PTO/SB/44 (02-01)  
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